| _ |      | <del></del> | Γ      |                               |  |                     |
|---|------|-------------|--------|-------------------------------|--|---------------------|
|   | Туре | L#          | Hits   | Search Text                   | DBs  | Time Stamp          |
| 1 | BRS  | L1          | 282635 | multiplex\$4 or multi-plex\$4 | USPAT;<br>US-PGP<br>UB;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2004/03/15<br>14:49 |
| 2 | BRS  | L2          | 36260  | Ll same network\$4            | USPAT;<br>US-PGP<br>UB;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2004/03/15<br>14:50 |
| 3 | BRS  | L3          | 106    | L2 same brows\$4              | USPAT;<br>US-PGP<br>UB;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2004/03/15<br>14:50 |
| 4 | BRS  | L4 .        | 60     | L3 same internet\$1           | USPAT;<br>US-PGP<br>UB;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2004/03/15<br>14:54 |

25 25

|    | Document ID          | Issue Date | Title   | Current OR | Current<br>XRef                            | Inventor                         |
|----|----------------------|------------|---|------------|--|----------------------------------|
| 1  | US 20040015971<br>A1 | 20040122   | Method and system for real-time multitasking  | 718/102    | -  | Spoltore, Paul L. et al.         |
| 2  | US 20030235178<br>A1 |            | Apparatus and method for enhancing channel utilization ratio in a CDMA  |            | 370/468                                    | Cai, Jianyong                    |
| 3  | US 20030228005<br>A1 | 20031211   | High bandwidth data transport<br>system   | 379/93.01  | 375/259                                    | Melick, Bruce D. et<br>al.       |
| 4  | US 20030185243<br>A1 | 20031002   | Procedure and controller for<br>the allocation of variable<br>time slots for a data<br>transmission in a<br>packet-oriented data network  | 370/498    | 370/389                                    | Klotsche, Ralf                   |
| 5  | US 20030156218<br>A1 | 20030821   | Method and apparatus of multiplexing a plurality of channels in a multimedia system   | 348/388.1  | 725/111;<br>725/117;<br>725/147;<br>725/95 | Laksono, Indra                   |
| 6  | US 20030139975<br>A1 |            | Method of and system for managing and serving consumer-product related information on the world wide web (WWW) using universal product numbers (UPNS) and electronic data interchange (EDI) processes   | 705/26     |  | Perkowski, Thomas<br>J.          |
| 7  | US 20030139919<br>A1 | 20030724   | Multi-user simulation   | 703/25     |  | Sher, Oleg et al.                |
| 8  | US 20030135641<br>A1 | 20030717   | Multi-feature classification memory structure for associative matching  | 709/238    |  | Cheriton, David R.               |
| 9  | US 20030120502<br>A1 | 20030626   | Application infrastructure<br>platform (AIP)  | 705/1      |  | Robb, Terence Alan et al.        |
| 10 | US 20030115310<br>A1 | 20030619   | Procedure and controller for<br>a packet-oriented data<br>network for the transmission<br>of data in variable time<br>slots   | 709/223    |  | Klotsche, Ralf                   |
| 11 | US 20030108070<br>A1 | 20030612   | Method and apparatus to<br>facilitate direct transfer of<br>data between a data device<br>and a network connection  | 370/537    | 370/389                                    | Zaumen, William T.<br>et al.     |
| 12 | US 20030093430<br>A1 |            | Methods and systems to<br>control access to network<br>devices  | 707/10     |  | Mottur, Peter A.                 |
| 13 | US 20030036366<br>A1 | 20030220   | Web telephone set that can<br>make an internet phone  | 455/575.1  |  | Ng, Tai Wo                       |
| 14 | US 20030014762<br>A1 | 20030116   | Subscriber internet interface<br>system and apparatus   | 725/110    | 725/109;<br>725/111                        | Conover, Richard<br>David et al. |
| 15 | US 20030009392<br>A1 | 20030109   | Internet-based consumer product brand marketing communication system which enables manufacturers, retailers and their respective agents, and consumers to carryout product-related functions along the demand side of the retail chain in an integrated manner  | 705/26     |  | Perkowski, Thomas<br>J.          |
| 16 | US 20020198791<br>A1 | 20021226   | Internet-based consumer product brand marketing communication system which enables manufacturers, retailers and their respective agents, and consumers to carry out product-related functions along the demand side of the retail chain in an integrated manner | 705/26     |  | Perkowski, Thomas<br>J.          |

|    | Document ID          | Issue Date                             | Title   | Current OR   | Current<br>XRef                            | Inventor                           |
|----|----------------------|--|---|--------------|--|------------------------------------|
| 17 | US 20020194081<br>A1 | 20021219                               | Internet-based consumer service brand marketing communication system which enables service-providers, retailers, and their respective agents and consumers to carry out service-related functions along the demand side of the retail chain in an integrated manner | 705/26       |  | Perkowski, Thomas<br>J.            |
| 18 | US 20020178277<br>A1 | 20021128                               | Method and apparatus for multimedia system  | 709/231      |  | Laksono, Indra                     |
| 19 | US 20020174435<br>A1 | 20021121                               | System, apparatus and method<br>for expanding the operational<br>bandwidth of a communication<br>system   | 725/80       | 348/552;<br>725/119;<br>725/141;<br>725/74 | Weinstein, Hillel<br>et al.        |
| 20 | US 20020154691<br>A1 | 20021024                               | System and process for compression, multiplexing, and real-time low-latency playback of networked audio/video bit streams   | 375/240.01   | 375/240                                    | Kost, James F. et<br>al.           |
| 21 | US 20020147853<br>A1 | 20021010                               | System and method for managing a serial port  | 719/310      |  | Sherman, Roman et al.              |
| 22 | US 20020147833<br>A1 | 20021010                               | Remote services control in an<br>ATM/DSL service network  | 709/236      | 709/203                                    | Richardson, John<br>William et al. |
| 23 | US 20020095460<br>A1 | 20020718                               | System and method for serving integrated streams of multimedia information  | 709/204      | 709/219;<br>709/227                        | Benson, Michael                    |
| 24 | US 20020087667<br>A1 | 20020704                               | Multi-level multiplexor<br>system for networked browser   | 709/220      |  | Andersen, Benjamin<br>H.           |
| 25 | US 20020059642<br>A1 | 20020516                               | Networked subscriber<br>television distribution   | 725/135      | 348/731;<br>375/240                        | Russ, Samuel H. et al.             |
| 26 | US 20020059637<br>A1 | ************************************** | Home gateway for video and data distribution from various types of headend facilities and including digital video recording functions   | 725/119      |  | Rakib, Selim Shlomo                |
| 27 | US 20020054080<br>A1 | 20020509                               | Internet service controller<br>with real time status display  | 345/738      |  | Belanger, David<br>Gerald et al.   |
| 28 | US 20020044225<br>A1 | 20020418                               | Remote control for wireless<br>control of system and<br>displaying of compressed<br>video on a display on the<br>remote   | 348/734      | 725/133;<br>725/37                         | Rakib, Selim Shlomo                |
| 29 | US 20020031120<br>Al | 20020314                               | Remote control for wireless<br>control of system including<br>home gateway and headend,<br>either or both of which have<br>digital video recording<br>functionality   | 370/386<br>· | 370/486                                    | Rakib, Selim Shlomo                |
| 30 | US 20020026642<br>A1 | 20020228                               | System and method for<br>broadcasting web pages and<br>other information  | 725/109      |  | Augenbraun, Joseph<br>E. et al.    |
| 31 | US 20020021794<br>A1 | 20020221                               | Method and arrangement for call control using a computer connected to a network   | 379/201.05   |  | Kemppainen, Vesa                   |
| 32 | US 20020019984<br>A1 | 20020214                               | Headend cherrypicker with<br>digital video recording<br>capability  | 725/111      | 725/80;<br>725/81;<br>725/85;<br>725/88    | Rakib, Selim Shlomo                |
| 33 | US 20020018124<br>A1 | 20020214                               | Methods and systems for networked camera control  | 348/211.99   | 348/14.03                                  | Mottur, Peter A. et<br>al.         |
| 34 | US 20010027559<br>A1 | 20011004                               | Broadcast system and<br>advertising method for use in<br>the same   | 725/1        |  | Tanabe, Takumi et<br>al.           |
| 35 | US 6671741 B1        | 20031230                               | Apparatus and method for<br>hybrid network access   | 709/250      | 709/227;<br>709/249                        | Dillon, Douglas M.                 |

|    | Document ID   | Issue Date | Title   | Current OR | Current<br>XRef  | Inventor                          |
|----|---------------|------------|---|------------|--|-----------------------------------|
| 36 | US 6671365 B2 | 20031230   | Method and arrangement for call control using a computer connected to a network   | 379/220.01 | 379/352  | Kemppainen, Vesa                  |
| 37 | US 6651111 B2 | 20031118   | System and method for managing a serial port  | 710/14     | 709/200;<br>709/201;<br>710/12;<br>710/29;<br>710/33;<br>710/52;<br>710/53;<br>719/310 | Sherman, Roman et<br>al.          |
| 38 | US 6625581 B1 | 20030923   | METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR) ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS | 705/27     | 705/14;<br>705/26;<br>709/200;<br>709/245  | Perkowski, Thomas<br>J.           |
| 39 | US 6564380 B1 | 20030513   | System and method for sending<br>live video on the internet   | 725/86     | 348/207.11<br>;<br>348/211.99<br>;<br>725/109;<br>725/114;<br>725/91                   | Murphy, Greg                      |
| 40 | US 6519651 B1 | 20030211   | Apparatus and method for hybrid network access  | 709/250    | 709/227;<br>709/249  | Dillon, Douglas M.                |
| 41 | US 6466981 B1 | 20021015   | Method using an assigned dynamic IP address and automatically restoring the static IP address   | 709/227    | 709/217;<br>709/218;<br>709/220  | Levy, Steven B.                   |
| 42 | US 6456603 B1 | 20020924   | Method of supporting communications mobility in a telecommunications system   | 370/310    | 370/313;<br>370/352;<br>370/469  | Ismailov, Yuri et<br>al.          |
| 43 | US 6377802 B1 | 20020423   | Doppler insensitive<br>non-terrestrial digital<br>cellular communications<br>network  | 455/430    | 455/431;<br>455/442  | McKenna, Daniel<br>Bernard et al. |
| 44 | US 6147786 A  | 20001114   | Hybrid analog/digital WDM<br>access network with<br>mini-digital optical node   | 398/1      | 725/119;<br>725/127;<br>725/129  | Pan, Jin-Yi                       |
| 45 | US 6137839 A  | 20001024   | Variable scaling of 16-bit fixed point fast fourier forward and inverse transforms to improve precision for implementation of discrete multitone for asymmetric digital subscriber loops  | 375/260    | 370/210  | Mannering, Dennis<br>G. et al.    |
| 46 | US 6088347 A  | 20000711   | Variable chip rate<br>code-division multiple access   | 370/342    | 370/441;<br>375/146  | Minn, Thit et al.                 |
| 47 | US 6055268 A  | 20000425   | Multimode digital modem   | 375/229    | 375/231  | Timm, William C. et al.           |
| 48 | US 6044107 A  | 20000328   | Method for interoperability of a T1E1.4 compliant ADSL modem and a simpler modem  | 375/222    |  | Gatherer, Alan et<br>al.          |
| 49 | US 6038251 A  | 20000314   | Direct equalization method  | 375/222    | 375/229;<br>375/231  | Chen, Walter Y.                   |
| 50 | US 6021167 A  | 20000201   | Fast equalizer training and<br>frame synchronization<br>algorithms for discrete<br>multi-tone (DMT) system  | 375/354    | 375/222  | Wu, Song                          |
| 51 | US 6021158 A  | 20000201   | Hybrid wireless wire-line<br>network integration and<br>management  | 375/211    | 375/220  | Schurr, Paul E. et<br>al.         |
| 52 | US 6002722 A  | 19991214   | Multimode digital modem   | 375/295    | 375/222;<br>375/357  | Wu, Song                          |

|    | Document ID         | Issue Date | Title  | Current OR | Current<br>XRef   | Inventor                     |
|----|---------------------|------------|--|------------|---|------------------------------|
| 53 | US 5999563 A        | 19991207   | Rate negotiation for<br>variable-rate digital<br>subscriber line signaling   | 375/222    | 370/229;<br>370/484;<br>370/494;<br>375/219                             | Polley, Michael O.<br>et al. |
| 54 | US 5991293 A        | 19991123   | Circuit arrangement for providing internet connectivity to a computer in a key telephone system  | 370/353    | 370/264;<br>370/420;<br>370/468;<br>370/524;<br>379/93.09;<br>379/93.14 | Buchanan, Chris et<br>al.    |
| 55 | US 5987061 A        | 19991116   | Modem initialization process<br>for line code and rate<br>selection in DSL data<br>communication   | 375/222    |   | Chen, Walter Y.              |
| 56 | US 5970088 A        | 19991019   | Reverse channel next<br>cancellation for MDSL modem<br>pool  | 375/222    | 370/201;<br>375/346;<br>379/417   | Chen, Walter Y.              |
| 57 | US 5910970 A        | 19990608   | MDSL host interface<br>requirement specification   | 375/377    | 375/222;<br>379/93.01;<br>709/200                                       | Lu, Xiaolin                  |
| 58 | US 5745836 A        | 19980428   | Undesirable energy<br>suppression system in a<br>contention based<br>communication network   | 725/125    | 725/106;<br>725/114;<br>725/126;<br>725/127;<br>725/128                 | Williams, Thomas H.          |
| 59 | US 20020087667<br>A | 20020704   | Multi-level multiplexer system for networked browser in internet, executes multilevel browser program to display various responses corresponding to service requests, as cascaded series of pages within single window frame |            |   | ANDERSEN, B H                |
| 60 | WO 200115363 A      | 20030225   | Ring type synchronous optical network for Internet application, includes protection switching agent to route Internet data packets which are filtered based on virtual channel identifier embedded within packet             |            |   | DUPONT, J                    |